



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/736,617		
		Filing Date	December 17, 2003		
		First Named Inventor	Kristy A. Campbell		
		Art Unit	2825-2829		
		Examiner Name	R. Rocchegiani		
Sheet	1	of	5	Attorney Docket Number	M4065.0698/P698-A

U.S. PATENT DOCUMENTS					
Exami ner Initials*	Cite No.†	Document Number Number+Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
V4	**AA	2002/0072188	6/13/2002	Gilton	
↑	**AB	2002/0106849	08/08/2002	Moore	
	**AC	2002/0123169	09/05/2002	Moore et al.	
	**AH	2002/0123248	09/05/2002	Moore et al.	
	**AI	2002/0132417	09/09/2002	Li	
	**AJ	2002/0160551	10/31/2002	Harshfield	
	**AK	2002/0168852	11/14/2002	Harshfield et al.	
	**AL	2002/0190289	12/19/2002	Harshfield et al.	
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	**AG	2003/0038301	02/27/2003	Moore	
	**AM	2003/0043631	03/06/2003	Gilton et al.	
	**AN	2003/0045049	03/06/2003	Campbell et al.	
	**AO	2003/0045054	03/06/2003	Campbell et al.	
	**AP	2003/0047765	03/13/2003	Campbell	
	**AQ	2003/0047772	03/13/2003	Li	
	**AR	2003/0047773	03/13/2003	Li	
	**AS	2003/0048519	03/13/2003	Kozicki	
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	**AU	2003/0049912	03/13/2003	Campbell et al.	
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	**AW	2003/0068862	04/10/2003	Li	
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	**AY	2003/0096497	05/22/2003	Moore et al.	
	**AZ	2003/0107105	06/12/2003	Kozicki	
	**AA1	2003/0117831	06/26/2003	Hush	
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	**AC1	2003/0137869	07/24/2003	Kozicki	
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	**AF1	2003/0155606	08/21/2003	Campbell et al.	
	**AG1	2003/0156447	08/21/2003	Kozicki	
	**AH1	2003/0156463	08/21/2003	Casper et al.	
	**AI1	2003/0209728	11/13/2003	Kozicki et al.	
	**AJ1	2003/0209971	11/13/2003	Kozicki et al.	
	**AK1	2003/0210564	11/13/2003	Kozicki et al.	
	**AL1	2003/0212724	11/2003	Ovshinsky et al.	
	**AM1	2003/0212725	11/2003	Ovshinsky et al.	
	**AN1	2004/0035401	2/2004	Ramachandran et al.	
	**AO1	3,271,591	9/1966	Ovshinsky	
	**AP1	3,622,319	11/1971	Sharp	
	**AQ1	3,743,847	7/1973	Boland	
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V4	**AS1	3,966,317	6/1976	Wacks et al.	
	**AT1	3,983,542	11/1976	Ovshinsky	

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			Examiner Name	R. Recchegiani <i>V. Yeshkov</i>	
Sheet	2	of	5	Attorney Docket Number	M4065.0698/P698-A

<i>V4</i>	**AU1	3,988,720	10/1976	Ovshinsky	
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	**AI2	4,670,763	6/1987	Ovshinsky et al.	
	**AJ2	4,673,957	6/1987	Ovshinsky et al.	
	**AK2	4,678,679	7/1987	Ovshinsky	
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	**AU2	4,795,657	1/1989	Formigoni et al.	
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	**AC3	5,128,099	7/1992	Strand et al.	
	**AD3	5,159,661	10/1992	Ovshinsky et al.	
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<i>V</i>	**AP3	5,406,509	4/1995	Ovshinsky et al.	
<i>V</i>	**AQ3	5,414,271	5/1995	Ovshinsky et al.	

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		First Named Inventor	Kristy A. Campbell		
		Art Unit	2825-2829		
		Examiner Name	R. Rocchegiani ✓		
Sheet	3	of	5	Attorney Docket Number	M4065.0698/P698-A

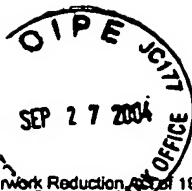
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	**AC4	5,726,083	3/1998	Takaishi	
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	**AE4	5,814,527	9/29/1998	Wolstenholme et al	
	**AF4	5,818,749	10/06/1998	Harshfield	
	**AG4	5,825,046	10/1998	Czubatyj et al.	
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	**AL4	5,896,312	4/20/1999	Kozicki et al.	
	**AM4	5,912,839	6/1999	Ovshinsky et al.	
	**AN4	5,914,893	6/22/1999	Kozicki et al.	
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	**AP4	5,998,066	12/1999	Block et al.	
	**AQ4	6,011,757	1/2000	Ovshinsky	
	**AR4	6,031,287	2/29/2000	Harshfield	
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	**AT4	6,084,796	7/4/2000	Kozicki et al.	
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	**AV4	6,141,241	10/2000	Ovshinsky et al.	
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	**AL5	6,414,376	7/2002	Thakur et al.	
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				First Named Inventor	Kristy A. Campbell
				Art Unit	2825 2829
				Examiner Name	R. Rocchegiani V. Yeager
				Attorney Docket Number	M4065.0698/P698-A
Sheet	4	of	5		

✓	**AO5	6,423,628	7/2002	Li et al.	
✓	**AP5	6,429,064	8/2002	Wicker	
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✓	**AU5	6,487,113	11/2002	Park et al.	
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✓	**AW5	6,507,061	1/2003	Hudgens et al.	
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✓	**AY5	6,511,867	1/2003	Lowery et al.	
✓	**AZ5	6,512,241	1/2003	Lai	
✓	**AA6	6,514,805	2/2003	Xu et al.	
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✓	**AG6	6,563,164	5/2003	Lowery et al.	
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✓	**AS6	6,613,604	9/2003	Maimon et al.	
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✓	**AV6	6,638,820	10/2003	Moore	
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✓	**AF7	6,690,026	2/2004	Peterson	
✓	**AG7	6,696,355	2/2004	Dennison	
✓	**AH7	6,687,153	2/2004	Lowery	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴ -Kind Code ⁵ (if known)				
V4	**BA	JP	5-6126916	10/19981	Akira et al.		
V4	**BB	WO	00/48196	08/17/2000	Kozicki et al.		
V4	**BC	WO	02/21542	03/14/2002	Kozicki et al.		

Examiner Signature	V. Y. [Signature]	Date Considered	03/02/05
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Examiner Signature	V. Y. [Signature]	Date Considered	03/02/05
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Art Unit		N/A 2829			
Examiner Name		Not Yet Assigned V-YOR/KOR			
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		Number-Kind Code ² (if known)				
VY	AA	6,473,332	10/2002	Ignatiev et al.	<div style="border: 1px solid black; width: 100%; height: 100%; position: relative;"> C. MASS SUB </div>	
	AB	4,316,946	1/1982	Masters, et al.		
	AC	4,419,421	12/1983	Wichelhaus, et al.		
	AD	6,487,106	11/26/2002	Kozicki		
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	AG	2003/0027416 APP	2/6/2003	Moore		
	AH	2003/0001229 APP	1/2/2003	Moore et al.		
	AI	2002/0127886 APP	9/12/2002	Moore et al.		
	AJ	2002/0123170 APP	9/5/2002	Moore et al.		
	AK	2002/0163828 APP	11/2002	Krieger et al.		
	AL	6,072,716	6/2000	Jacobson et al.		
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	AN	4,671,618	6/87	Wu et al.		
	AO	4,800,526	1/89	Lewis		
	AP	2003/0035314	02/20/03	Kozicki		
	AQ	2003/0035315	02/20/03	Kozicki		
	AR	US 2002/0168820	11/14/2002	Kozicki et al.		
	AS	6,469,364	10/22/2002	Kozicki		
	AT	6,388,324	05/14/2002	Kozicki et al.		
	AU	US 2002/0000666	01/03/2002	Kozicki et al.		
	AV	5,500,532	03/19/1996	Kozicki et al.		
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
VY	BA	WO 97/48032	12/18/1997	Kozicki et al.		
VY	BB	WO 99/28914	06/10/1999	Kozicki et al.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
VY	CA	Abdel-Ail, A.; Elshafie, A.; Elhawary, M.M., DC electric-field effect in bulk and thin-film Ge ₅ As ₃₈ Te ₅₇ chalcogenide glass, Vacuum 59 (2000) 845-853.	
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				Art Unit	N/A <u>2829</u>
				Examiner Name	Not Yet Assigned <u>V. Yeung/Kor</u>
				Attorney Docket Number	M4065.0698/P698-A
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	CH	Angell, C.A., Mobile ions in amorphous solids, Annu. Rev. Phys. Chem. 43 (1992) 693-717.	1
	CI	Aniya, M., Average electronegativity, medium-range-order, and ionic conductivity in superionic glasses, Solid state Ionics 136-137 (2000) 1085-1089.	1
	CJ	Asahara, Y.; Izumitani, T., Voltage controlled switching in Cu-As-Se compositions, J. Non-Cryst. Solids 11 (1972) 97-104.	1
	CK	Asokan, S.; Prasad, M.V.N.; Parthasarathy, G.; Gopal, E.S.R., Mechanical and chemical thresholds in IV-VI chalcogenide glasses, Phys. Rev. Lett. 62 (1989) 808-810	1
	CL	Baranovskii, S.D.; Cordes, H., On the conduction mechanism in ionic glasses, J. Chem. Phys. 111 (1999) 7546-7557.	1
	CM	Belin, R.; Taillades, G.; Pradel, A.; Ribes, M., Ion dynamics in superionic chalcogenide glasses: complete conductivity spectra, Solid state Ionics 136-137 (2000) 1025-1029.	1
	CN	Belin, R.; Zerouale, A.; Pradel, A.; Ribes, M., Ion dynamics in the argyrodite compound Ag ₇ GeSe ₅ I: non-Arrhenius behavior and complete conductivity spectra, Solid State Ionics 143 (2001) 445-455.	1
	CO	Benmore, C.J.; Salmon, P.S., Structure of fast ion conducting and semiconducting glassy chalcogenide alloys, Phys. Rev. Lett. 73 (1994) 264-267.	1
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	CQ	Bernede, J.C., Polarized memory switching in MIS thin films, Thin Solid Films 81 (1981) 155-160.	1
	CR	Bernede, J.C., Switching and silver movements in Ag ₂ Se thin films, Phys. Stat. Sol. (a) 57 (1980) K101-K104.	1
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	CW	Boolchand, P., The maximum in glass transition temperature (T _g) near x=1/3 in GexSe _{1-x} Glasses, Asian Journal of Physics (2000) 9, 709-72.	1
	CX	Boolchand, P.; Bresser, W.J., Mobile silver ions and glass formation in solid electrolytes, Nature 410 (2001) 1070-1073.	1
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			Filing Date	December 12, 2003	
			First Named Inventor	Kristy A. Campbell	
			Art Unit	N/A 12829	
			Examiner Name	Not Yet Assigned V. Y. Heston	
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	CK1	Chen, C.H.; Tai, K.L., Whisker growth induced by Ag photodoping in glassy GexSe _{1-x} films, Appl. Phys. Lett. 37 (1980) 1075-1077.	
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			Art Unit	2829	
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			Filing Date	December <u>12</u> , 2003	
			First Named Inventor	Kristy A. Campbell	
			Art Unit	<u>N/A</u> <u>2829</u>	
			Examiner Name	Not Yet Assigned <u>V. J. Jester</u>	
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			First Named Inventor	Kristy A. Campbell	
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			Examiner Name	Not Yet Assigned v. 4/28/16	
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Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	NEW 7
				Filing Date	December 12, 2003
				First Named Inventor	Kristy A. Campbell
				Art Unit	N/A 2829
				Examiner Name	Not Yet Assigned V. Yeerikov
Sheet	8	of	8	Attorney Docket Number	M4065.0698/P698-A

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V. Yeerikov 03/02/05